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- 1 [ACM SIGGRAPH Computer Graphics: Volume 37 Issue 2](#)
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Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citation Count: 0
- 2 [Communications of the ACM: Volume 51 Issue 11](#)
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- 3 [Communications of the ACM: Volume 51 Issue 2](#)
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Bibliometrics: Downloads (6 Weeks): 287, Downloads (12 Months): 2135, Citation Count: 0
- 4 [Design and technology for Collaborage: collaborative collages of information on physical walls](#)
 Thomas P. Moran, Eric Saund, William Van Melle, Anuj U. Gujar, Kenneth P. Fishkin, Beverly L. Harrison
 November 1999 **UIST '99: Proceedings of the 12th annual ACM symposium on User interface software and technology**
Publisher: ACM
 Full text available: [Pdf \(1.28 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)
Bibliometrics: Downloads (6 Weeks): 9, Downloads (12 Months): 61, Citation Count: 22

A Collaborage is a collaborative collage of physically represented information on a surface that is connected with electronic information, such as a physical In/Out board connected to a people-locator database. The physical surface (board) ...

Keywords: collaboration, physical-virtual, roomware, tangible UI

5 CHI '08 extended abstracts on Human factors in computing systems



Mary Czerwinski, Arnie Lund, Desney Tan

April **CHI '08:** CHI '08 extended abstracts on Human factors in computing systems
2008

Publisher: ACM

Additional Information: [full citation](#)

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citation Count: 0

6 Proceeding of the twenty-sixth annual SIGCHI conference on Human factors in computing systems



Mary Czerwinski, Arnie Lund, Desney Tan

April **CHI '08:** Proceeding of the twenty-sixth annual SIGCHI conference on
2008 Human factors in computing systems

Publisher: ACM

Additional Information: [full citation](#)

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citation Count: 0

7 Hypertext versus Boolean access to biomedical information: a comparison of effectiveness, efficiency, and user preferences



Barbara M. Wildemuth, Charles P. Friedman, Stephen M. Downs

June **Transactions on Computer-Human Interaction (TOCHI)**, Volume 5
1998 Issue 2

Publisher: ACM [Request Permissions](#)

Full text available: [Pdf \(378.56 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 7, Downloads (12 Months): 47, Citation Count: 5

This study compared of two modes of access to a biomedical database, in terms of their effectiveness and efficiency in supporting clinical problem solving and in terms of user preferences. Boolean access, which allowed subjects to frame their queries ...

Keywords: domain knowledge, intellectual access, medical education, problem solving, usage effectiveness, usage efficiency, user preferences

8 "Physical hypermedia": organising collections of mixed physical and digital material

 Kai Grenbæk, Jannie F. Kristensen, Peter Ørbæk, Mette Agger Eriksen

August 2003 **HYPERTEXT '03: Proceedings of the fourteenth ACM conference on Hypertext and hypermedia**

Publisher: ACM 

Full text available:  Pdf (841.02 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 12, Downloads (12 Months): 91, Citation Count: 20

This paper addresses the problem of organizing material in mixed digital and physical environments. It presents empirical examples of how people use collectional artefacts and organize physical material such as paper, samples, models, mock-ups, plans, ...

Keywords: augmented reality, collections of materials, physical and digital, spatial hypermedia, tagging

9 Communications of the ACM: Volume 51 Issue 6

 June 2008 Communications of the ACM

Publisher: ACM

Full text available:  Digital Edition ,  Pdf (8.89 MB) Additional Information: [full citation](#)

Bibliometrics: Downloads (6 Weeks): 206, Downloads (12 Months): 2838, Citation Count: 0

10 Paper windows: interaction techniques for digital paper

 David Holman, Roel Vertegaal, Mark Altosaar, Nikolaus Troel, Derek Johns

April 2005 **CHI '05: Proceedings of the SIGCHI conference on Human factors in computing systems**

Publisher: ACM 

Full text available:  Pdf (425.87 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 37, Downloads (12 Months): 246, Citation Count: 17

In this paper, we present Paper Windows, a prototype windowing environment that simulates the use of digital paper displays. By projecting windows on physical paper, Paper Windows allows the capturing of physical affordances of paper in a digital world. ...

Keywords: digital paper interfaces, flexible displays, ubiquitous computing

11 Communications of the ACM: Volume 51 Issue 12

 December 2008 Communications of the ACM

Publisher: ACM

Full text available:  Digital Edition ,  Pdf (6.91 MB) Additional Information: [full citation](#)

Bibliometrics: Downloads (6 Weeks): 375, Downloads (12 Months): 3897, Citation Count: 0

12 [Communications of the ACM: Volume 52 Issue 3](#)

 March 2009 Communications of the ACM

Publisher: ACM

Full text available:  Digital Edition ,  Pdf (7.04 MB)

Additional Information: [full citation](#)

Bibliometrics: Downloads (6 Weeks): 414, Downloads (12 Months): 2528, Citation Count: 0

13 [Proceedings of the 2009 joint international conference on Digital libraries](#)

 Fred Heath, Mary Lynn Rice-Lively, Richard Furuta

June **JCDL '09:** Proceedings of the 2009 joint international conference on Digital libraries

2009 **Publisher:** ACM

Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citation Count: 0

Welcome to JCDL 2009! We are delighted to welcome you back to Texas for the 9th annual international Joint Conference on Digital Libraries. Since its initiation in 2001, JCDL has continued to be the major international forum for research, practice, ...

14 [Projectors: advanced graphics and vision techniques](#)

 Ramesh Raskar

August 2004 **SIGGRAPH '04:** SIGGRAPH 2004 Course Notes

Publisher: ACM 

Full text available:  Pdf (6.53 MB) Additional Information: [full citation](#), [cited by](#)

Bibliometrics: Downloads (6 Weeks): 82, Downloads (12 Months): 628, Citation Count: 1

15 [Sharing digital photographs in the home through physical mementos, souvenirs, and keepsakes](#)

 Michael Nunes, Saul Greenberg, Carman Neustaedter

February **DIS '08:** Proceedings of the 7th ACM conference on Designing 2008 interactive systems

Publisher: ACM

Full text available:  Pdf (506.01 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 12, Downloads (12 Months): 150, Citation Count: 3

People now easily share digital photos outside the home via web publishing and gift-giving. Yet within the home, digital photos are hard to access and lack the physical affordances that make sharing easy and opportunistic. To promote in-home photo sharing, ...

Keywords: digital photo management, ubiquitous computing

16 Augmenting paper to enhance community information sharing

 [Antonietta Grasso, Alain Karsenty, Marco Susani](#)

April **DARE '00**: Proceedings of DARE 2000 on Designing augmented reality environments

Publisher: ACM

Full text available:  Pdf (903.95 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 11, Downloads (12 Months): 66, Citation Count: 3

Paper is traditionally considered as a major gap between the physical and electronic worlds, especially after the many attempts that have failed to attain a completely digital world. Paper based artifacts have many affordances that people want to continue ...

Keywords: augmented reality, paper user interface, recommender systems

17 Supporting the creation of hybrid museum experiences

 [Boriana Koleva, Stefan Rennick Egglestone, Holger Schnädelbach, Kevin Glover, Chris Greenhalgh, Tom Rodden, Martyn Dade-Robertson](#)

April **CHI '09**: Proceedings of the 27th international conference on Human factors in computing systems

Publisher: ACM 

Full text available:  Pdf (6.40 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 29, Downloads (12 Months): 131, Citation Count: 0

This paper presents the evolution of a tool to support the rapid prototyping of hybrid museum experiences by domain professionals. The developed tool uses visual markers to associate digital resources with physical artefacts. We present the iterative ...

Keywords: authoring tools, hybrid physical-digital artifacts, museum applications, prototyping

18 MEMENTO: a digital-physical scrapbook for memory sharing

[David West, Aaron Quigley, Judy Kay](#)

April **Personal and Ubiquitous Computing**, Volume 11 Issue 4 2007

Publisher: Springer-Verlag

Full text available:  Pdf (406.80 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 18, Downloads (12 Months): 180, Citation Count: 2

The act of reminiscence is an important element of many interpersonal activities, especially for elders where the therapeutic benefits are well understood. Individuals typically use various objects as memory aids in the act of recalling, sharing and ...

Keywords: Memory sharing, Mixed-media environments, Pen and paper user interfaces, Physical interfaces, Reminiscence, Story telling, Tangible user interfaces

19 [Living on the bleeding edge: creating and managing highly specialized student labs](#)

Deborah Cherry, Paul Phllabaum, Pomona Valero

October **SI GUCCS '00:** Proceedings of the 28th annual ACM SIGUCCS conference
2000 on User services: Building the future

Publisher: ACM [Request Permissions](#)

Full text available: [Pdf](#) (211.74 KB) Additional Information: [full citation](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 25, Citation Count: 3

Keywords: audio, digital media, high-end, labs, multimedia, specialty, video
20 [Distributed meetings: a meeting capture and broadcasting system](#)

[Ross Cutler, Yong Rui, Anoop Gupta, JJ Cadiz, Ivan Tashev, Li-wei He, Alex Colburn, Zhengyou Zhang, Zicheng Liu, Steve Silverberg](#)

December **MULTI MEDIA '02:** Proceedings of the tenth ACM international conference on Multimedia
2002

Publisher: ACM [Request Permissions](#)

Full text available: [Pdf](#) (509.26 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [Index terms](#)

Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 81, Citation Count: 25

The common meeting is an integral part of everyday life for most workgroups. However, due to travel, time, or other constraints, people are often not able to attend all the meetings they need to. Teleconferencing and recording of meetings can address ...

Keywords: 360 degree video, meeting capture, meeting indexing, microphone array, teleconferencing

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